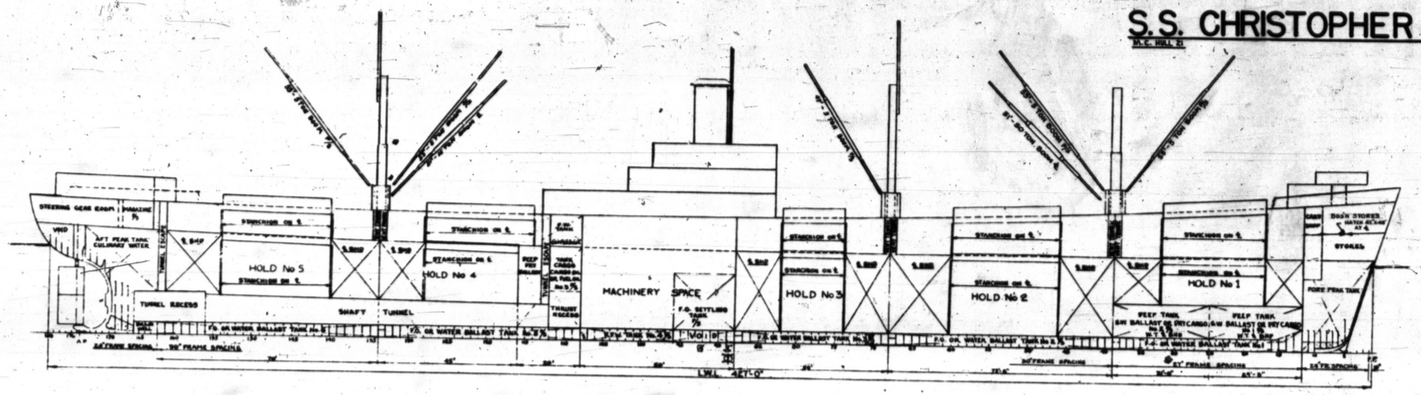
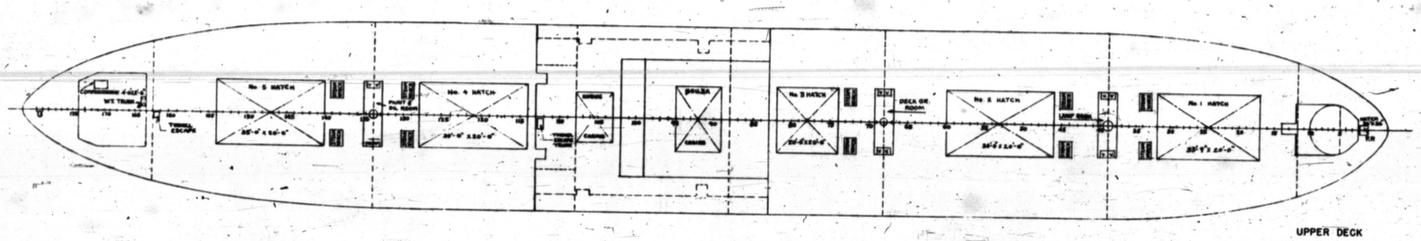
S.S. CHRISTOPHER NEWPORT

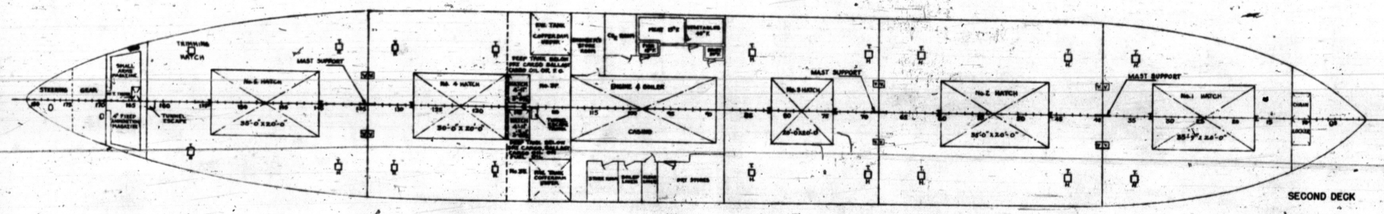
M.C. HULL 2

D.F. HULL 2006

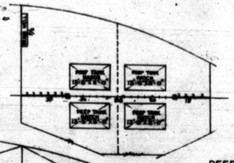




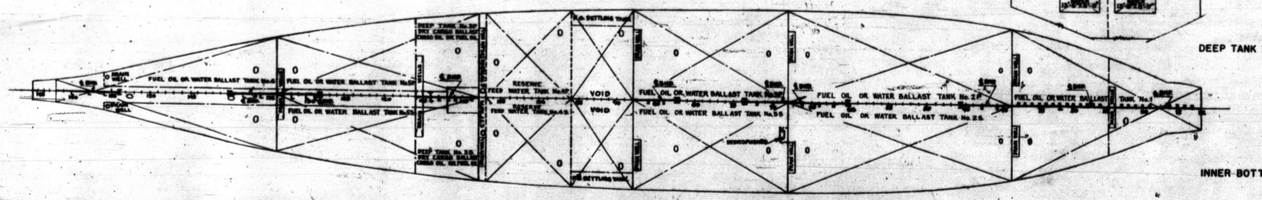
UPPER DECK



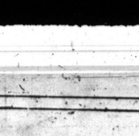
SECOND DECK



DEEP TANK TOP



INNER BOTTOM



FLAT BET. 2nd & UPPER DKS.

STORE ROOM	CU. FT.
BOS'N. STORES ON 2ND DECK FR. TO FR. 12	3034
BOS'N. STORES ON FLAT BET. 2ND & UPP. DKS.	3492
CABIN STORES 2ND DK. (FRS. 88-106)	4329
LINEN LOCKER	585
BONDED STORES	186
REFRIGERATED STORES	
MEAT	801
FISH	173
VEGETABLES	768
DAIRY	176

CARGO

COMPARTMENT		GRAIN CAP.	BALE CAP.
HOLD No. 1		C.F.	C.F.
	HOLD	41257	36083
	TWEEN DECKS	43872	39984
HOLD No. 2			
	HOLD	98880	92008
	TWEEN DECKS	46744	42830
HOLD No. 3			
	HOLD	68459	59795
	TWEEN DECKS	27970	23904
HOLD No. 4			
	HOLD	58841	52574
	TWEEN DECKS	35277	29689
HOLD No. 5			
	HOLD	58620	51871
	TWEEN DECKS	34570	30864
DEEP TANKS	No. 1P.	3639	2729
	No. 1S.	3639	3004
	No. 2P.	7473	5294
	No. 2S.	7473	5578
	No. 3P.	13674	12506
	No. 3S.	13188	12024
	TOTAL	563256	500248

WATER BALLAST

TANK		CU. FT.	TONS @ 35CF
FORE PEAK		5073	145
WATER BALLAST	No. 1	5029	144
" "	No. 2P.	5967	170
" "	No. 2S.	5967	170
" "	No. 3P.	4400	126
" "	No. 3S.	4365	125
" "	No. 5P.	4391	125
" "	No. 5S.	4391	125
" "	No. 6	4118	118
AFTER PEAK-CULINARY WATER		5436	155
DEEP TANKS	No. 1P.	3973	114
	No. 1S.	3973	114
	No. 2P.	7340	210
	No. 2S.	7340	210
	No. 3P.	13540	387
	No. 3S.	13065	373
	TOTAL	98370	2811

FRESH WATER

TANK		GAL'S	TONS @ 36CF
RESERVE FEED	No. 4P.	17855	66
" "	No. 4S.	17855	66
FRESH WATER	FR. 108-113P.	7541	28
" "	FR. 108-113S.	7541	28
	TOTAL	50792	188

FUEL OIL

TANK		GAL'S	TONS @ 32.2CF
FUEL OIL TANK	No. 1	36863	132
" " "	No. 2P.	43742	157
" " "	No. 2S.	43742	157
" " "	No. 3P.	32251	116
" " "	No. 3S.	31955	115
" " "	No. 5P.	32185	116
" " "	No. 5S.	32185	116
" " "	No. 6	30183	108
	TOTAL	283106	1017
F.O. SETTLING TANK	FR. 88-96P.	14083	51
" " "	FR. 88-96S.	14083	51
	TOTAL	28166	102
CARGO OIL OR FUEL OIL			
DEEP TANK	No. 3P.	99257	356
" "	No. 3S.	95772	344
	TOTAL	195029	700
	TOTAL (ALL F.O.)	506301	1819

PRINCIPAL DIMENSIONS

L.O.A.	441'-7½"
L.B.P. (AT 35% W.L.)	416'-0"
BREADTH MLD.	56'-10⅜"
BREADTH EXTREME	57'-1½"
DEPTH TO UPPER DECK, MLD.	37'-4"
DEPTH TO SECOND DECK, MLD.	28'-7"
DRAFT	27'-9¼"

CAPACITIES & TYPES OF WINCHES
7"×12 DBL. GEARED WINCHES FOR 5 & 15 TON BOOMS
10"×12 " " WINCH FOR 50 TON BOOM

HEIGHTS OF MASTS

FIXED MAST ABOVE DECK		FOREMAST	46'-3⅜"
" " " "		FR. 68	45'-11⅝"
" " " "		FR. 134	45'-2⅜"
TELESCOPIC " "		FR. 68	62'-11⅞"
		FR. 134	62'-2⅛"

ENGINE
DIRECT ACTING CONDENSING THREE CYLINDER TRIPLE EXPANSION ENGINE DEVELOPING 2500 I.H.P. AT 76 R.P.M.

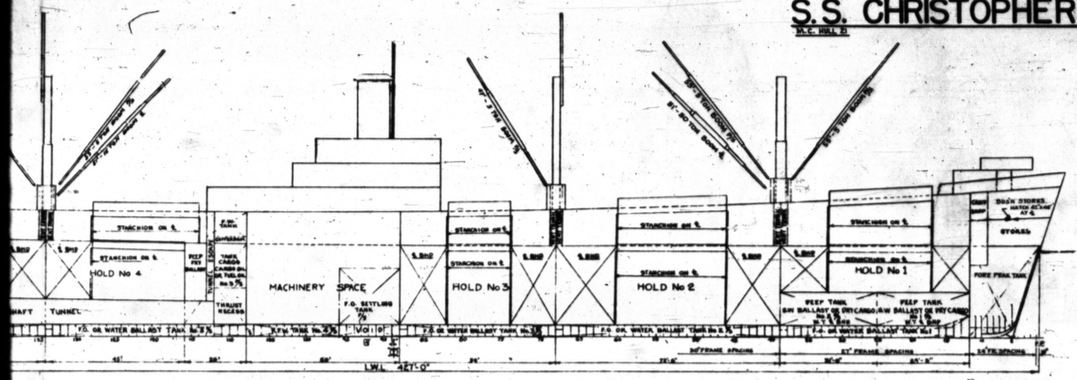
BOILERS
TWO MAIN BOILERS OF THE CROSS DRUM SECTIONAL SINUOUS HEADER STRAIGHT TUBE TYPE FITTED WITH SUPER HEATERS BURNING BUNKER "C" FUEL OIL.

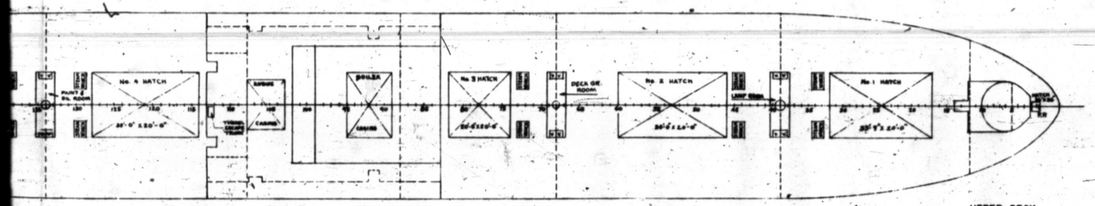
DEADWEIGHT SCALE

DEADWEIGHT S.W.	DRAFT	DISPLACEMENT S.W.	TONS PER INCH
	28		48
11000		14857	
10220		14900	46.5
	27		
10000		15000	46
	26	13000	
9000			47.5
	25	12000	
	24		
8000			47
	23	11000	
	22		46.5
7000			
	21	10000	
	20		46
6000			
	19	9000	46.5
	18		
5000		8000	45
	17		
	16		44.5
4000		7000	
	15		44
3000	14	6000	
	13		43.5
	12		
2000		5000	43
	11		
	10		42.5
1000			
	9	4000	42
	8		41.5
0		3337	

S.S. CHRISTOPHER NEWPORT

M.C. HULL 21 — A-1 HULL 2005





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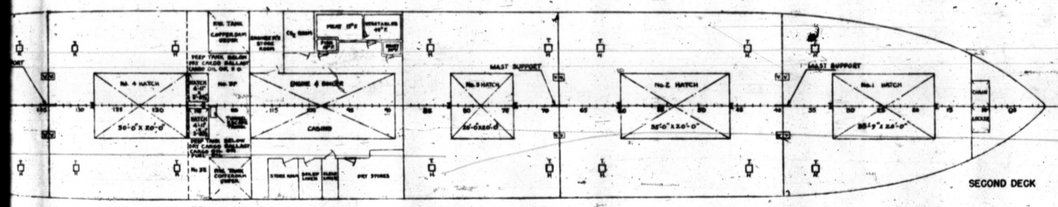

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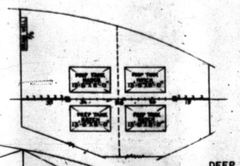
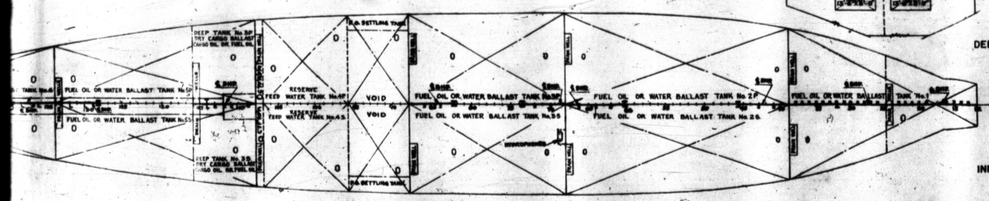
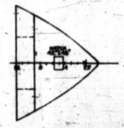


DEEP TANK TOP



INNER BOTTOM



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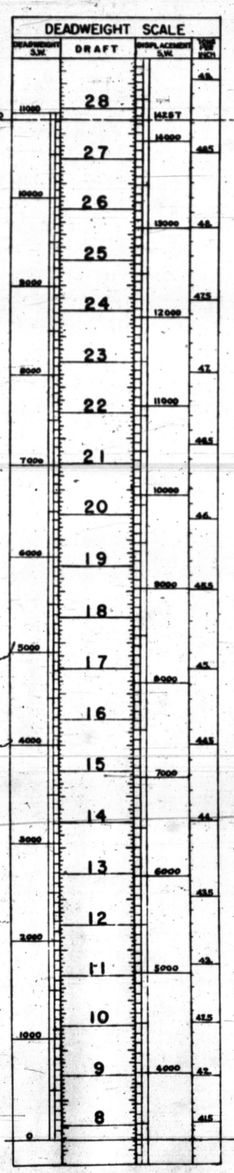

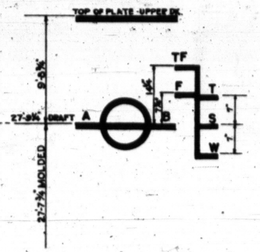

NOTE:
THE LIGHT WEIGHT OF THE SHIP INCLUDES THE 4" GUN AFT., 4-50 CALIBER MACHINE GUNS, 4-30 CALIBER MACHINE GUNS, 3-50 CALIBER GUN FORWARD & AMMUNITION

№	ALTERATIONS	DATE	REMARKS
1	LENGTH OF №1 HATCH DECREASED BY 5'0" EA. CORRECTED TO 30'0"	9-26-42	L.F.H.

DESIGN NO. EC2-S-C1

UNITED STATES MARITIME COMMISSION
EMERGENCY SHIP CONSTRUCTION DIVISION

CAPACITY PLAN

SCALE ¼" = 1 FOOT — DATE FEB 25, 1942

DRAWN P.P. — APPROVED
TRACED — APPROVED
CHECKED L.F.H. — APPROVED

BETHLEHEM-FAIRFIELD SHIPYARD, INCORPORATED
FAIRFIELD BALTIMORE, MD.

M.C.E. PLAN № 14-63 301-312 S29-1-1-8

APPROVED AS NOTED IN
M.C.E. LETTER DATED 4-28-42
M.C.E. FILE NO 325
BY
BY